

ABSTRACT OF THE DISCLOSURE

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A mobile communication terminal having adaptive array antennas is provided that is capable of transmitting signals to an intended base station without interfering other devices, even when a reception error occurs. The mobile communication terminal basically performs array transmission/reception using weight vectors produced in reception to weight and combine signals received via antennas, and thereby receives a desired signal. In transmission, the mobile communication terminal uses the weight vectors used in reception to weight and combine transmission signals and transmits them. However, when an error detection circuit detects a reception error in the desired signal, a transmission control unit turns off a switch for the antenna and transmits the transmission signals in a non-directional pattern via the antenna, so that the transmission signal reaches the intended base station.